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Telephone: 615-662-0100  
Facsimile: 615-662-0352  
e-mail: TENNPATENT@AOL.COM

TO: United States Patent and Trademark Office  
Art Unit 1742  
Attn: Examiner Mai, Ngoclan Thi

FACSIMILE NUMBER: 571-273-8300

FROM: Stephen T Belsheim

DATE: October 14, 2005

RE: U.S. Application Serial No. 10/727,247  
Filed: December 3, 2003  
For: CEMENTED CARBIDE BODY CONTAINING ZIRCONIUM AND  
NIOBIUM AND METHOD OF MAKING THE SAME

PAGES (including transmittal page): 16

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Practitioner's Docket No. KH-2017**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Hans-Wilm Heinrich

Application No.: 10 / 727,247 Group No.: 1742

Filed: December 3, 2003

Examiner:

Mai, Ngoclan Thi

For: CEMENTED CARBIDE BODY

CONTAINING  
ZIRCONIUM AND  
NIOBIUM AND METHOD  
OF MAKING THE SAME**RESPONSE UNDER  
37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP**RECEIVED  
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**AMENDMENT OR RESPONSE AFTER FINAL REJECTION—TRANSMITTAL**

1. Transmitted herewith is an amendment after final rejection (37 C.F.R. § 1.116) for this application.

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***

(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

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37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 \*

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**TRANSMISSION**

☒ facsimile transmitted to the Patent and Trademark Office (703) 571-273-8300

Date: October 14, 2005

Signature

Rhonda L. Sanders

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Amendment or Response After Final Rejection—Transmittal [9-20]—page 1 of 4)

**NOTE:** *Response to Final Rejection—Avoiding Extension Fees* "In patent applications wherein a three month Shortened Statutory Period (SSP) is set for response to a Final Rejection, the response would best be filed within two months of the date of the Office Action. If filed within two months, any Advisory Action mailed after the SSP expires will reset the SSP to expire on the date of the Advisory Action for extension fee purposes, but never more than six months from the date of the Final Rejection." Notice of Nov. 30, 1990 (1122 O.G. 571 to 591). See M.P.E.P. § 714.13, 6th ed., rev. 3.

### STATUS

#### 2. Applicant is

- ☐ a small entity. A statement:
- ☐ is attached.
- ☐ was already filed.
- ☒ other than a small entity.

### EXTENSION OF TERM

**NOTE:** As to a Supplemental Amendment filed in response to a final office action, the Notice of December 10, 1985 (1061 O.G. 34-35) states:

"If a timely response has been filed after a Final Office Action, an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period unless the timely-filed response placed the application in condition for allowance. Of course, if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run."

#### 3. (complete (a) or (b), as applicable)

- (a) ☐ Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. § 1.17(a)(1)-(4)) for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/> one month	\$ 120.00	\$ 60.00
<input type="checkbox"/> two months	\$ 450.00	\$ 225.00
<input type="checkbox"/> three months	\$ 1,020.00	\$ 510.00
<input type="checkbox"/> four months	\$ 1,590.00	\$ 795.00

Fee: \$\_\_\_\_\_

If additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

- ☐ An extension for \_\_\_\_\_ months has already been secured and the fee paid therefor of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$\_\_\_\_\_

OR

- (b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

(Amendment or Response After Final Rejection—Transmittal (9-20)—page 2 of 4)

(Rel.102-305 Pub.605)

FORM 9-20

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**FEE FOR CLAIMS**

4. The fee for claims (37 C.F.R. § 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)		SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE	ADDIT. FEE	OR	RATE
TOTAL	*	12	MINUS	**	35	= 0	×\$25= \$		×\$50= \$
INDEP.	*	5	MINUS	***	4	= 1	= \$100= \$		= \$200= \$ 200.00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						+ \$180= \$			+ \$360= \$
						TOTAL \$		OR	TOTAL \$ 200.00
						ADDIT. FEE \$			

\* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20."

\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**WARNING:** See 37 C.F.R. § 1.116.

(complete (c) or (d), as applicable)

(c) ☐ No additional fee is required.

OR

(d) ☒ Total additional fee required is \$ 200.00**FEE PAYMENT**

5. ☐ Attached is a ☐ check ☐ money order in the amount of \$ 200.00
- ☒ Authorization is hereby made to charge the amount of \$ 200.00
- ☒ to Deposit Account No. 02-2267
- ☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should not be included on this form as it may become public.☒ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.☒ A duplicate of this paper is attached.

(Amendment or Response After Final Rejection—Transmittal [9-20]—page 3 of 4)

**FEE DEFICIENCY**

**NOTE:** Where there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the case. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1988, (1065 O.G. 31-33).

6. ☒ If any additional extension and/or fee is required, charge Account No. 02-2267

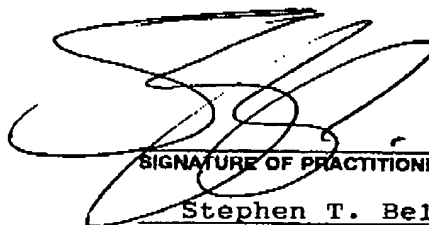
**AND/OR**

- ☒ If any additional fee for claims is required, charge Account No. 02-2267

Reg. No.: 28,688

Tel. No.: ( 615 ) 662-0100

Customer No.: 1400



SIGNATURE OF PRACTITIONER

Stephen T. Belsheim

(type or print name of practitioner)

179 Belle Forrest Cr. Ste. 102

P.O. Address

Nashville, TN 37221

(Amendment or Response After Final Rejection—Transmittal [9-20]—page 4 of 4)

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Hans-Wilm Heinrich )  
Serial No. 10/727,247 ) Art Unit 1742  
Filed: December 3, 2003 ) Examiner: Mai, Ngoclan Thi  
For: Cemented Carbide Body Containing Zirconium  
And Niobium and Method of Making the Same

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

October 14, 2005

<b>CERTIFICATE OF TRANSMISSION</b>	
<i>I certify that this correspondence is, on the date shown below, being transmitted by facsimile to the United States Patent and Trademark Office at facsimile telephone number 1-571-273-8300</i>	
Date:	<u>10/14/2005</u>
Signature:	
Name of Person Certifying: <u>Rhonda L. Sanders</u>	

**PLEASE EXPEDITE - RESPONSE TO A FINAL ACTION****RESPONSE TO FINAL OFFICE ACTION OF SEPTEMBER 29, 2005****Remarks**

This paper is responsive to the pending FINAL Office Action mailed September 29, 2005 in the above-captioned patent application. To the extent any extension fees or claim fees are necessary, the Amendment Transmittal sets forth these fees and indicates the payment thereof, if necessary.

10/17/2005 MBINAS 00000004 022267 10727247  
01 FC:1201 200.00 DA